

Lucian Hontau

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Development and Systems Experience

- **Clojure, Pedestal, Compojure/Compojure-api/Reitit (Luminus), Ring, ClojureScript, Reagent, Re-frame**
 - PHP 7 (Zend Certified Engineer), Zend Framework 1/2/3, Laminas, Symfony, Laravel, Wordpress, Magento, Drupal, phpunit, composer
 - Javascript, Angular, Vue, React, HTML5, CSS3, jQuery, underscore/lodash, npm
 - SQL (MySQL, Postgres), Elasticsearch, Redis, Memcached
 - AWS (EC2, S3, RDS, Elastic Beanstalk, ECS, Route 53, SQS, Elasticache, Elasticsearch, etc.)
 - Containers: Docker, docker-compose | Servers: Nginx, Apache | OSs: Linux, FreeBSD, OS X, Windows
 - AJAX, JSON, JSONP, REST, SOAP, CORS, XML, XSL/XSLT
 - Other Languages: C / C++, Perl, Bash, Pascal, VB / VBA, Python, Scala, Java
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Work Experience

Senior Software Engineer - Unified Compliance | Remote | 03/2014 - Present

- Principal engineer working with multiple teams to deliver multiple products
- Mentored engineers, doing code reviews, and helping others to achieve their fullest potential
- Hired contractors and engineers to build up our teams
- Worked on multiple GUI apps, APIs (including a public API), and other servers built on top of **Clojure/Pedestal/Compojure/Compojure-api, ClojureScript/Reagent/Re-frame, PHP 7/Zend Framework 2/3/Laminas, Javascript (ES6), Angular and Bootstrap. On AWS: Elastic Beanstalk, ElasticSearch, SQS. Docker, Stanford Core NLP, Postgres, MySQL, Redis, lodash (underscore.js), d3, jQuery, babel, git, leiningen, composer, brunch, npm, bower, xdebug, Blackfire.io**
- <https://mapper.unifiedcompliance.com/semantic-compare>
- <https://edu.unifiedcompliance.com/>
- <https://compliancedictionary.com/>
- <https://research.unifiedcompliance.com/>
- <https://github.unifiedcompliance.com/docs/api.html>
- Built three backend Clojure servers for Natural Language Processing with Stanford Core NLP using Pedestal, Compojure, and Compojure-api. For the initial open-source prototype see: <https://github.com/lucian303/corenlpd>
- Created and maintained a scalable infrastructure on AWS for multiple interdependent apps
- Migrated all PHP systems from PHP 5 to 7. Migrated a live database from MySQL to Postgres.
- Built a natural language processing system on top of Stanford Core NLP to detect various parts of sentences and how they're used and match them against known sentences for classification
- Fixed various scalability and performance issues with the API and UI by profiling and fixing problem areas. Implemented caching and replaced slow API components with more scalable ones.
- Worked with ElasticSearch to provide fast, fuzzy, and custom search results

CTO - Plugins for WP | Remote | 01/2020 - Present

- Created an online store for Wordpress plugins <https://pluginsforwp.com/>
- Created a plugin to allow the user to install and update all our plugins from within one interface within their Wordpress installation (**JS (Vue), PHP**): <https://pluginsforwp.com/downloads/plugin-manager/>
- Automated various aspects of the store, including inventory management and product updates using (**Clojure, PHP**)

Owner - Lucianux | Remote | 11/1998 - Present

- Worked on consulting and open source projects such as Tripping <https://tripping.com/>, Jeff Dunham's Magento store <http://www.iefhdunham.com/shop/>, and the donation flow for: <http://standup2cancer.org/>

Sr. Software Consultant (Contract) - Microsoft, Mountain View, CA | 05/2013 - 07/2013

- Built a crawler and scraper for data gathering as well as a backend app for administering videos (**PHP, JS, Symfony2**)

Sr. Software Engineer - Lead (Contract) - Malwarebytes | San Jose, CA | 10/2012 - 02/2013

- Worked on an internal tool to help researchers analyze new malware (**PHP, JS, jQuery, PostgreSQL, HTML5, jQuery**)

Sr. Software Engineer/Architect (Contract) - Genentech | S. San Francisco, CA | 09/2012 - 11/2012

- Built a peer to peer and server based videoconferencing app using (**PHP, JS, Silex, RabbitMQ, MySQL, Heroku**)

Sr. Software Engineer (Contract) - Stella and Dot LLC | San Bruno, CA | 01/2012 - 07/2012

- Added new features, scaling, and fixes to Magento and other apps: <http://www.stelladot.com/>. (**PHP, JS, Magento**)

Sr. Software Engineer (Contract) - BitGravity, Inc. | Burlingame, CA | 04/2011 - 12/2011

- Built the main dashboard app and worked with giant, sharded MySQL databases (**PHP, JS, YUI, MySQL**)

Lead PHP Engineer (Contract) - Genentech | South San Francisco, CA | 03/2011 - 05/2011

- Finished an internal application for hiring contractors (**PHP, JS, IIS, FileMaker**)

Lead UI Engineer (Contract) - TheFind Inc. | San Francisco, CA | 05/2010 - 02/2011

- Worked on building TheFind's REST API, frontend, and features supporting mobile development (PHP, JS, MySQL)

Software Engineer (Contract) - Reputation | Redwood City, CA | 11/2009 - 03/2010

- Built the frontend and social networking integration for the main product (PHP, JS, MySQL, mooTools, jQuery)

Chief Architect (Contract, Remote) - Tripping Intl, | Remote | 07/2009 - 12/2009

- Created a travel social networking site to connect travelers with hosts AirBnB style (PHP, JS, Zend, jQuery, MySQL)

Software Engineer (Contract) - Mercantila, Inc. | San Francisco, CA | 03/2009 - 07/2009

- Worked on e-commerce stores, adding revenue driving features and increasing revenue 10x (PHP, JS, jQuery)

Software Engineer - GoingOn, Inc. | San Francisco, CA | 07/2008 - 03/2009

- Developed a socially enabled learning site for the University of Pennsylvania and other sites (PHP, JS, Drupal, MySQL)

Software Engineer (Contract) - LiveNation (SignaturesNetwork) | SF, CA | 03/2008 - 06/2008

- Customized the front and backend of Magento into a business to business e-commerce platform (PHP, JS, Magento)

Senior Developer - Olson Research Group, Inc. | Ewing, NJ | Los Altos, CA | 06/2005 - 03/2008

- Led technical development for a team developing web surveys (PHP, JS, Perl, Python, MySQL, jQuery)

Education

- Self-taught development experience (started on an Apple II-E at the age of 12)
- Graduated from **Villanova University** on a **Full Presidential Scholarship**. GPA: **3.49**
- Double Bachelor Degrees (B.A.H.): **Philosophy / Honors Program (Dean's List Status all four years)**